

**E-TRAINING APPLICATION FOR TECHNICAL MAINTENANCE DEPARTMENT OF  
MOTORCYCLE WORKSHOP**

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**UNIVERSITI UTARA MALAYSIA**

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**E-TRAINING APPLICATION FOR MAINTENANCE DEPARTMENT OF MOTORCYCLE  
TECHNICAL WORKSHOP**

**A thesis submitted to the Dean Graduate School  
In partial fulfillment of the requirement for the degree  
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**By**

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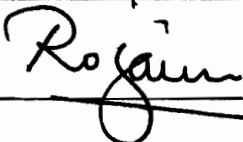
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## ***ABSTRACT***

*The main objectives of this study are to design a web-based e-training application for maintenance of the workshop. The prototype which is developed by JSP for workshop is tested and evaluated by using usability test and in order to get know the percentage of the acceptability of the system. The application of the Web-based technologies in this study enables trainer and trainee to teach and learn through online Trainer.*

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12 April, 2009.

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## **CHAPTER ONE**

### **INTRODUCTION**

#### **1.1 Introduction**

E-training referred to web-based training, or automated real time training. In this case, the training is conducted using a modularized training package, which is made available over the web, anytime of the day or night, anywhere as long as there is access to the Internet, to reduce the cost and the effort. It is a time-saving strategy employed by many organizations in giving adequate on-job training to their employee. Many software companies have argued the reason why E-training is essential in any organization for prompt realization of the organizational objectives (ESI International Inc, 2009; SmileTiger Software Corporation, 2006; MTE, 2009; Echelon Corporation, 2009; Surayah *et. al.*; 2008).

In generally, the most of technology variable is component in the e-learning and the same for the E-training that could obtain for the user by the training courses or other training materials. The more sophisticated technology becomes, the more opportunities there are for future e-learning (Ingrid, 2005). The impacts and the development that happened in the education fields make these fields looking on the appropriate methods by the internet then made of e-learning or other facilities that the internet can support, such as dial-up connections were replaced by cable modems, speed and bandwidth; correlatively the quality of on-line instruction improved because computers were in support of the media (Jean, 2001; Jean, 2006). As speed increases and devices are

The contents of  
the thesis is for  
internal user  
only

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